

AMENDMENTS TO THE CLAIMS

CLAIM 1 (CURRENTLY AMENDED): A bicycle derailleuer comprising:

- a base member for attachment to a bicycle;
- a movable member for supporting a chain guide;
- a first link member pivotably coupled to the base member through a first link pin and pivotably coupled to the movable member through a second link pin;
- a second link member pivotably coupled to the base member through a third link pin and pivotably coupled to the movable member through a fourth link pin;

wherein the first link pin, the second link pin, the third link pin and the fourth link pin define edges of a phantom space;

wherein straight continuous phantom lines connecting ends of the first link pin, the second link pin, the third link pin and the fourth link pin in a non-crossing manner define remaining edges of the phantom space;

a motor having a primary motor housing through which a drive shaft exits and defines a drive shaft vector that points away from the primary motor housing and toward a terminating end of the drive shaft;

wherein at least a part of the primary motor housing is disposed in the phantom space; and wherein the drive shaft vector that points toward the terminating end of the drive shaft also points away from a plane containing the second link pin and the fourth link pin at a location where the drive shaft exits the primary motor housing.

CLAIM 2 (ORIGINAL): The derailleuer according to claim 1 wherein a relative angle between the drive shaft vector and a plane containing the second link pin and the fourth link pin is in a range between 45 degrees and 135 degrees when measured in a plane perpendicular to the first link pin, the second link pin, the third link pin and the fourth link pin.

CLAIM 3 (ORIGINAL): The derailleuer according to claim 1 wherein the drive shaft is coupled for moving the movable member through a gear connection.

CLAIM 4 (ORIGINAL): The derailleur according to claim 3 wherein the gear connection comprises a gear reduction mechanism.

CLAIM 5 (ORIGINAL): The derailleur according to claim 1 wherein at least a portion of the primary motor housing is disposed within the base member.

CLAIM 6 (ORIGINAL): The derailleur according to claim 1 wherein at least a portion of the drive shaft is disposed within the base member.

CLAIM 7 (ORIGINAL): The derailleur according to claim 1 wherein at least a portion of the primary motor housing is disposed within the base member, and wherein at least a portion of the drive shaft is disposed within the base member.

CLAIM 8 (ORIGINAL): The derailleur according to claim 7 wherein the drive shaft is coupled for moving the movable member through a gear connection.

CLAIM 9 (ORIGINAL): The derailleur according to claim 8 wherein the gear connection comprises a gear reduction mechanism.

CLAIM 10 (ORIGINAL): The derailleur according to claim 7 wherein the entire primary motor housing is disposed within the base member, and wherein the entire drive shaft is disposed within the base member.

CLAIM 11 (ORIGINAL): The derailleur according to claim 10 wherein the drive shaft is coupled for moving the movable member through a gear connection.